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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Anderson, et al.

EXAMINER: Borin, Michael L

SERIAL NUMBER: 10/635,398

ART UNIT: 1631

FILING DATE: August 6, 2003

FOR: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME

**Mail Stop IDS**

Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Transmitted herewith for filing in the present application are the following documents:

1. Supplemental Information Disclosure Statement (2 pages), in duplicate;
2. Modified Form 1449/PTO (5 page) in duplicate;
3. Copies of Cited references B2-B6, C2-C73 and;
4. Return Postcard

No fee is believed to be due at this time. However, the Commissioner is authorized to charge any additional fees that may be due to Deposit Account No.502648, Reference No. Cura 893C (21402-593C). A duplicate copy of this transmittal letter is enclosed.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at 203/974-6271, New Haven, Connecticut.

Respectfully submitted,

Date: July 7, 2005

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to the duty disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed below and on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application. The order of presentation of the references should not be construed as an indication of the importance of the references. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the above-identified case. Accordingly, no fee or certification is required. 37 C.F.R. §1.97.

A copy of each of the references is enclosed unless otherwise indicated on the attached Form PTO-1449 (modified). It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and signs, the enclosed form PTO-1449 to evidence that the cited information has been fully considered by Patent and Trademark Office during the examination of this application.



By Submitting this Information Disclosure Statement, the Applicant makes no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b); and (3) the information cited in the Statement is, or considered to be, in fact, prior art as defined by 35 U.S.C. § 102.

Notwithstanding any statement by the Applicant, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested. Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 502648, Reference No. Cura 893 C (21402-593 C).

Respectfully submitted,

Date: July 7, 2005

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Modified Form 1449/PTO  <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Application Number</b>	10/635,398
	<b>Filing Date</b>	08/06/2003
	<b>First Named Inventor</b>	Anderson, et al.
	<b>Group Art Unit</b>	1631
	<b>Examiner Name</b>	Borin, Michael L
	<b>Attorney Docket Number</b>	Cura 893C (21402-593C)

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1	2002164746	N/A	Rosana Kapeller-Libermann	435	193	10/09/2001
	A2	2002164765	N/A	Parvinder K. Punia	435	226	11/21/2001
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	A6	6,057,101	05/02/00	Nandabalan, et al.	435	6	06/13/1997
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	B2	WO	200198330				
	B3	WO	200283736				
	B4	WO	2003000846				
	B5	WO	2003000918				
	B6	WO	2003002604				

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Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C2	Shi, et al. (1992)"Molecular cloning and expression of human alveolar macrophage cathepsin S, an elastinolytic cysteine protease." J. Biol. Chem. 267(11):7258-7262, GenBank Accession Number: <b>A42482</b> .
	C3	Garman, et al. (1998)"T cell epitopes of the major allergens from dermatophagoides (house dust mite)." Patent: US5820862, GenBank Accession Number: <b>AAE11776</b> .
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Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C6	Strausberg, et al. (2002)"Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences." Proc. Natl. Sci. U.S.A. 99(26):16899-16903, GenBank Accession Number: <b>AAH37303</b> .
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	C24	Pena, et al. (2002)"New isolated NOVX polypeptide useful for treating cardiomyopathy, atherosclerosis, metabolic disorders, diabetes, obesity, infectious disease, anorexia, neurodegenerative disorders, Alzheimer's disease and cancer." Patent: WO200281518, GeneScape Accession Number: <b>ABU52623</b> .
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	C43	Merla, et al. (2002)"Identification of additional transcripts in the Williams-Beuren syndrome critical region." Hum. Genet. 110:429-438, SWALL (SPTR) Accession Number: <b>Q8K483</b> .
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	C56	Easom, R. A. (1999). "CaM kinase II: a protein kinase with extraordinary talents germane to insulin exocytosis." Diabetes 48(4): 675-84.
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	C58	Elbashir, S. M., W. Lendeckel, et al. (2001). "RNA interference is mediated by 21- and 22-nucleotide RNAs." Genes Dev 15(2): 188-200.
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Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
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	C62	Levin, B. E. (2002). "Metabolic sensors: viewing glucosensing neurons from a broader perspective." <i>Physiol Behav</i> 76(3): 397-401.
	C63	Levin, B. E., A. A. Dunn-Meynell, et al. (2001). "Brain glucosensing and the K(ATP) channel." <i>Nat Neurosci</i> 4(5): 459-60.
	C64	Miki, T., B. Liss, et al. (2001). "ATP-sensitive K <sup>+</sup> channels in the hypothalamus are essential for the maintenance of glucose homeostasis." <i>Nat Neurosci</i> 4(5): 507-12.
	C65	Pittenger, M. F., A. M. Mackay, et al. (1999). "Multilineage potential of adult human mesenchymal stem cells." <i>Science</i> 284(5411): 143-7.
	C66	Rochlitz, H., A. Voigt, et al. (2000). "Cloning and quantitative determination of the human Ca <sup>2+</sup> /calmodulin-dependent protein kinase II (CaMK II) isoforms in human beta cells." <i>Diabetologia</i> 43(4): 465-73.
	C67	Shimkets, R. A., D. G. Lowe, et al. (1999). "Gene expression analysis by transcript profiling coupled to a gene database query." <i>Nat Biotechnol</i> 17(8): 798-803.
	C68	Sola, C., S. Barron, et al. (2001). "The Ca <sup>2+</sup> /calmodulin system in neuronal hyperexcitability." <i>Int J Biochem Cell Biol</i> 33(5): 439-55.
	C69	Tabuchi, H., H. Yamamoto, et al. (2000). "Regulation of insulin secretion by overexpression of Ca <sup>2+</sup> /calmodulin-dependent protein kinase II in insulinoma MIN6 cells." <i>Endocrinology</i> 141(7): 2350-60.
	C70	Tuschl, T., P. D. Zamore, et al. (1999). "Targeted mRNA degradation by double-stranded RNA in vitro." <i>Genes Dev</i> 13(24): 3191-7.
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	C72	Wilkinson, D., (2000) "Immunochemical techniques inspire development of new antibody purification methods." <i>The Scientist</i> 14(8):25-28.
	C73	Yang, X. J., L. M. Kow, et al. (1999). "Hypothalamic glucose sensor: similarities to and differences from pancreatic beta-cell mechanisms." <i>Diabetes</i> 48(9): 1763-72.

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.